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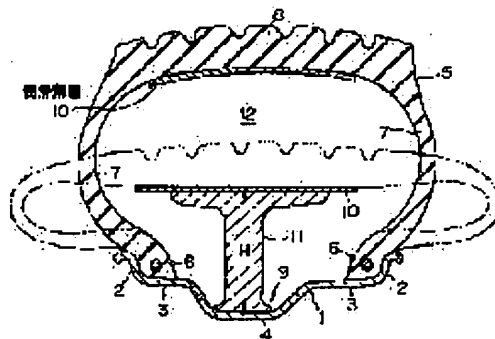
(21)Application number : 05-060349 (71)Applicant : BRIDGESTONE CORP  
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## (54) CAR WHEEL WITH RING-SHAPED CORE ASSEMBLY

## (57)Abstract:

PURPOSE: To provide a car wheel wherein a lubricating layer which has compatibly the lubricativeness, the retaining performance to the inside of the crown part, and the fire retardance is furnished on the inner surface of the crown part, by providing a ring-shaped lubricant layer wider than the outside surface of a core assembly on the inner surface of the crown part, and forming lubricant layer from a silicone compound having a specific value of mixing consistency.

CONSTITUTION: When a pneumatic tire 5 is crushed by drop of the internal pressure, the radial direction outside surface of a ring-shaped core assembly 11, which is fitted on a rim 1 where the tire 5 is mounted, comes in contact with the inner surface of the crown part 8 of the tire 5, which is thus held. On the inner surface of the crown part 8 of this tire 5, a ring-shaped lubricating layer 10 is provided which is wider than the radial direction outside surface of the core assembly 11. The lubricating layer 10 consists of a silicone compound prepared by mixing metal oxide with dimethyl silicone oil and/or methyl phenyl silicone oil, and the mixing consistency (JIS K 2220) of the compound is made over 200.



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